

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	1646	Fisher-J\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT
2	BRS	L2	71	1 and needle	USPAT; US-PGPUB; EPO; JPO; DERWENT
3	BRS	L3	6	1 and cannula	USPAT; US-PGPUB; EPO; JPO; DERWENT
4	BRS	L4	35	1 and biopsy	USPAT; US-PGPUB; EPO; JPO; DERWENT
5	BRS	L5	76	2 3 4	USPAT; US-PGPUB; EPO; JPO; DERWENT
6	BRS	L6	70	fine near biopsy	USPAT; US-PGPUB; EPO; JPO; DERWENT
7	BRS	L7	42	fine near aspiration	USPAT; US-PGPUB; EPO; JPO; DERWENT
8	BRS	L8	3377	fine near needle	USPAT; US-PGPUB; EPO; JPO; DERWENT
9	BRS	L9	2	6 and 7 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT
10	BRS	L10	27	7 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT
11	BRS	L11	1586	aspiration near (needle or biopsy)	USPAT; US-PGPUB; EPO; JPO; DERWENT
12	BRS	L12	4384	6 7 8 9 10 11	USPAT; US-PGPUB; EPO; JPO; DERWENT
13	BRS	L13	65	12 and (guide near tube)	USPAT; US-PGPUB; EPO; JPO; DERWENT
14	BRS	L15	25	13 and endoscopic\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT
15	BRS	L17	29	14 15	USPAT; US-PGPUB; EPO; JPO; DERWENT
16	BRS	L19	12	18 and 16	USPAT; US-PGPUB; EPO; JPO; DERWENT
17	BRS	L14	15	13 and endoscope	USPAT; US-PGPUB; EPO; JPO; DERWENT
18	BRS	L18	29	17 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT
19	BRS	L16	29	13 and syringe	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Type	Hits	Search Text	DBs
1	IS&R	885	((600/564) or (600/565) or (600/566) or (600/567) or (600/568)).CCLS.	USPAT
2	IS&R	1626	((606/167) or (606/170) or (606/171)).CCLS.	USPAT
3	BRS	1403	((("606/167") or ("606/170") or ("606/171")).CCLS.) not (((("600/564") or ("600/565") or ("600/566") or ("600/567") or ("600/568")).CCLS.)	USPAT
4	IS&R	343	(600/562).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT
5	BRS	180	((("600/562").CCLS.) not (((("600/564") or ("600/565") or ("600/566") or ("600/567") or ("600/568")).CCLS.) or (((("606/167") or ("606/170") or	USPAT
6	BRS	274	((("600/562").CCLS.) not (((("600/564") or ("600/565") or ("600/566") or ("600/567") or ("600/568")).CCLS.) or (((("606/167") or ("606/170") or	USPAT; US-PGPUB; EPO; JPO; DERWENT
7	IS&R	68	((600/564) or (600/565) or (600/566) or (600/567) or (600/568)).CCLS.	EPO; JPO; DERWENT
8	IS&R	116	((606/167) or (606/170) or (606/171)).CCLS.	EPO; JPO; DERWENT
9	BRS	434	((("600/562").CCLS.) not (((("600/564") or ("600/565") or ("600/566") or ("600/567") or ("600/568")).CCLS.) or (((("606/167") or ("606/170") or ("606/171")).CCLS.))) or (((("600/564") or ("600/565") or ("600/566") or ("600/567") or ("600/568")).CCLS.) or (((("606/167") or ("606/170") or ("606/171")).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT
10	BRS	608	Leur	USPAT; US-PGPUB; EPO; JPO; DERWENT
11	BRS	7267	Luer	USPAT; US-PGPUB; EPO; JPO; DERWENT
12	BRS	573043	Leur lock	USPAT; US-PGPUB; EPO; JPO; DERWENT
13	BRS	169	Leur near lock	USPAT; US-PGPUB; EPO; JPO; DERWENT
14	BRS	2556	Luer near lock	USPAT; US-PGPUB; EPO; JPO; DERWENT
15	IS&R	347	(600/562).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT
16	IS&R	805	((600/564) or (600/567)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT
17	BRS	226293	needle or cannula	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Type	Hits	Search Text	DBs
18	BRS	5923	(needle or cannula) and bevel\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT
19	BRS	25909	(needle or cannula) and (slot or notch)	USPAT; US-PGPUB; EPO; JPO; DERWENT
20	BRS	1594	(needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))	USPAT; US-PGPUB; EPO; JPO; DERWENT
21	BRS	13156	(needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface)))	USPAT; US-PGPUB; EPO; JPO; DERWENT
22	BRS	4351	(needle or cannula) and (luer or LUER or Luer or leur or Leur or LEUR)	USPAT; US-PGPUB; EPO; JPO; DERWENT
23	BRS	55908	(needle or cannula) and (syringe or vacuum or suction)	USPAT; US-PGPUB; EPO; JPO; DERWENT
24	BRS	2331	((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))	USPAT; US-PGPUB; EPO; JPO; DERWENT
25	BRS	270	((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface))))	USPAT; US-PGPUB; EPO; JPO; DERWENT
26	BRS	1501	((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface))))	USPAT; US-PGPUB; EPO; JPO; DERWENT
27	BRS	2440	((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch)) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface))))	USPAT; US-PGPUB; EPO; JPO; DERWENT
28	BRS	319	((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch)) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface)))) and ((needle or cannula) and (luer or LUER or Luer or leur or Leur or LEUR))	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Type	Hits	Search Text	DBs
29	BRS	902	(((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface)))))) and ((needle or cannula) and (syringe or vacuum or suction))	USPAT; US-PGPUB; EPO; JPO; DERWENT
30	BRS	161	(((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT
31	BRS	1501	(((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT
32	BRS	134	(((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Type	Hits	Search Text	DBs
33	BRS	1528	(((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or	USPAT; US-PGPUB; EPO; JPO; DERWENT
34	BRS	569	((needle or cannula) and (syringe or vacuum or suction)) and (((((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3 or edge or blade or	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Type	Hits	Search Text	DBs
35	BRS	219	((needle or cannula) and (luer or LUER or Luer or leur or Leur or LEUR)) and (((((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and (slot or notch))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) or (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((proximal or second) same ((cut\$4 or slic\$3) near (edge or blade or surface)))))) and (((needle or cannula) and bevel\$2) and ((needle or cannula) and ((slot or notch) same ((cut\$4 or slic\$3) near (edge or blade or	USPAT; US-PGPUB; EPO; JPO; DERWENT
36	BRS	10	("2198319" "3001522" "3007471" "3173414" "3590808" "3595217" "4243048" "4461305" "4600014" "4651752").PN.	USPAT
37	BRS	18	4781202.URPN.	USPAT
38	BRS	699	(aspirat\$3 and biopsy) same needle	USPAT; US-PGPUB; EPO; JPO; DERWENT
39	BRS	44105	600/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT
40	BRS	50336	604/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT
41	BRS	32254	606/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT
42	BRS	404	(600/\$.ccls. or 604/\$.ccls. or 606/\$.ccls.) and ((aspirat\$3 and biopsy) same needle)	USPAT; US-PGPUB; EPO; JPO; DERWENT
43	BRS	16	("4401124" "4566438" "4582061" "4799495" "4869259" "4977897" "4986279" "5048530" "5081997" "5213569" "5221269" "5383466" "5490521" "5611345" "5766135" "5769795").PN.	USPAT
44	BRS	0	6053870.URPN.	USPAT
45	BRS	307	(600/\$.ccls. or 604/\$.ccls. or 606/\$.ccls.) and shaver	USPAT; US-PGPUB; EPO; JPO; DERWENT
46	BRS	6	("0737293" "3561429" "3815604" "3844272" "4111207" "4167943").PN.	USPAT

	Type	Hits	Search Text	DBs
47	BRS	62	4603694.URPN.	USPAT
48	BRS	12	("1262536" "1493240" "1663761" "2369925" "3618611" "3732858" "3734099" "3844272" "3937222" "3945375" "3976077" "3996935").PN.	USPAT
49	BRS	73	4274414.URPN.	USPAT
50	BRS	3	("0860270" "3039468" "4345606").PN.	USPAT
51	BRS	33	4790329.URPN.	USPAT
52	BRS	16	("4401124" "4566438" "4582061" "4799495" "4869259" "4977897" "4986279" "5048530" "5081997" "5213569" "5221269" "5383466" "5490521" "5611345" "5766135" "5769795").PN.	USPAT
53	BRS	0	6053870.URPN.	USPAT
54	BRS	13	("2748769" "3076457" "3509880" "4240433" "4308875" "4702260" "4722725" "4838877" "5019039" "5234406" "5297546" "5478328" "5573519").PN.	USPAT
55	BRS	2	5817074.URPN.	USPAT
56	BRS	15	("0185902" "1162669" "1371948" "1585934" "1977017" "2198319" "2263531" "2843135" "3007471" "3577979" "3683892" "4209903" "4600014" "4649918" "4733671").PN.	USPAT
57	BRS	18	4873991.URPN.	USPAT
58	BRS	18	5320110.URPN.	USPAT
59	BRS	15	("3606878" "4530356" "4660267" "4702260" "4790329" "4799494" "4961430" "5320110" "5339828" "5458112" "5487392" "5505210" "5718237" "5775333" "6419641").PN.	USPAT
60	BRS	0	6656132.URPN.	USPAT
61	BRS	4	("3844272" "4011869" "4111207" "4513745").PN.	USPAT
62	BRS	39	4111207.URPN.	USPAT
63	BRS	18	5320110.URPN.	USPAT
64	BRS	15	5199441.URPN.	USPAT

	Type	Hits	Search Text	DBs
65	BRS	32	("D337821" "4099518" "4210146" "4643196" "4651752" "4664128" "4697600" "4926877" "4971067" "4989614" "5111828" "5133359" "5148813" "5183052" "5188118" "5199441" "5241969" "5246011" "5257632" "5353804" "5413115" "5488958" "5499989" "5505211" "5522398" "5526821" "5526822" "5615690" "5645537" "5649547" "5660186" "5885226").PN.	USPAT
66	BRS	1	6086543.URPN.	USPAT
67	BRS	12	5246011.URPN.	USPAT
68	BRS	15	5199441.URPN.	USPAT
69	BRS	8	("3766907" "4194513" "4308875" "4441509" "4757826" "4799494" "4967762" "5069224").PN.	USPAT
70	BRS	33	3470867.URPN.	USPAT
71	BRS	14	3938505.URPN.	USPAT
72	BRS	37	3882849.URPN.	USPAT
73	BRS	1923	aspirat\$3 near (biopsy or needle)	USPAT; US-PGPUB; EPO; JPO; DERWENT
74	BRS	3129	fine near (biopsy or needle)	USPAT; US-PGPUB; EPO; JPO; DERWENT
75	BRS	622	(aspirat\$3 near (biopsy or needle)) near (fine near (biopsy or needle))	USPAT; US-PGPUB; EPO; JPO; DERWENT
76	BRS	704	aspirat\$3 same (fine near (biopsy or needle))	USPAT; US-PGPUB; EPO; JPO; DERWENT
77	BRS	82	(aspirat\$3 same (fine near (biopsy or needle))) not ((aspirat\$3 near (biopsy or needle)) near (fine near (biopsy or	USPAT; US-PGPUB; EPO; JPO; DERWENT
78	BRS	857	aspirat\$3 and (fine near (biopsy or needle))	USPAT; US-PGPUB; EPO; JPO; DERWENT
79	BRS	1279	(suction or vacuum) and (fine near (biopsy or needle))	USPAT; US-PGPUB; EPO; JPO; DERWENT
80	BRS	153	(aspirat\$3 and (fine near (biopsy or needle))) not ((aspirat\$3 same (fine near (biopsy or needle))) ((aspirat\$3 near (biopsy or needle)) near (fine near (biopsy	USPAT; US-PGPUB; EPO; JPO; DERWENT
81	BRS	830	((suction or vacuum) and (fine near (biopsy or needle))) not ((aspirat\$3 and (fine near (biopsy or needle))) (aspirat\$3 same (fine near (biopsy or needle))) ((aspirat\$3 near (biopsy or needle)) near (fine near (biopsy or needle))))	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Type	Hits	Search Text	DBs
82	BRS	1256	(aspirat\$3 near (biopsy or needle)) not (((suction or vacuum) and (fine near (biopsy or needle))) (aspirat\$3 and (fine near (biopsy or needle))) (aspirat\$3 same (fine near (biopsy or needle))) ((aspirat\$3 near (biopsy or needle)) near (fine near (biopsy or needle))))	USPAT; US-PGPUB; EPO; JPO; DERWENT
83	BRS	16	("4401124" "4566438" "4582061" "4799495" "4869259" "4977897" "4986279" "5048530" "5081997" "5213569" "5221269" "5383466" "5490521" "5611345" "5766135" "5769795").PN.	USPAT
84	BRS	0	6053870.URPN.	USPAT
85	BRS	1	"5172701".PN.	USPAT
86	BRS	9	5348022.URPN.	USPAT
87	IS&R	147	((600/570) or (600/571)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT
88	IS&R	106	(606/160).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT